

**INTEGRATED**  
Environmental Services, Inc.

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# **Parcel D Site Investigation and Excavation Report**

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**Boeing Realty Corporation  
C-6 Facility  
Los Angeles, California**

**October 1999**





**INTEGRATED**  
Environmental Services, Inc.

October 26, 1999  
Via Federal Express

Augustine Anijielo  
California Environmental Protection Agency  
Regional Water Quality Control Board  
Los Angeles Region  
320 West 4<sup>th</sup> Street, Suite 200  
Los Angeles, CA 90013

Subject: **Parcel D Site Investigation and Excavation Report**  
Boeing C-6 Facility, Los Angeles, California

Dear Mr. Anijielo:

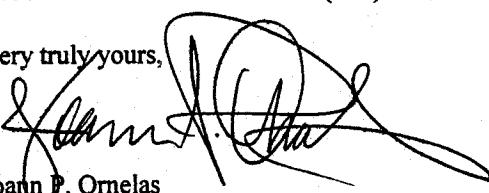
On behalf of the Boeing Realty Corporation, Integrated Environmental Services, Inc. is pleased to submit the revised report which provides the results of the approved sampling and analysis work plan for the Parcel D Site Investigation (IESI 1999). As a result of the investigation, total arsenic was the only compound identified above its respective health-based remediation goal (HBRG). A single soil sample exhibited a concentration of 18 mg/kg, which exceeded the HBRG (background concentration) of 14 mg/kg.

Arsenic-impacted soil was delineated over an area measuring approximately 400 by 200 feet, to depths between 1.5 to 2.5 feet below ground surface (bgs). Based on the delineation findings, arsenic-impacted soil was excavated over an area measuring approximately 400 by 300 feet, to depths between 1.5 and 2.5 feet bgs. The Parcel D Site Investigation and Excavation report presents the delineation and excavation program implemented at the site.

Based on the site investigation samples and post-excavation confirmation samples, it is our opinion that no further soil remediation is warranted. As agreed, however, the final determination of soil closure will be based on the results of the post-demolition risk assessment of Parcel D.

As always, I appreciate your support and guidance on this important project. If you have any questions, please feel free to contact me at (949) 852-9050, extension 14.

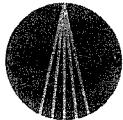
Very truly yours,



Joann P. Ornelas  
Program Manager

cc: Mario Stavale, Boeing w/encl.  
Deborah Oudiz, DTSC w/encl.

encl.: (1)



**INTEGRATED**  
Environmental Services, Inc.

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# **Parcel D**

## **Site Investigation and Excavation**

### **Report**

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Boeing Realty Corporation  
C-6 Facility  
Los Angeles, California

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October 1999

*Prepared by*  
**Integrated Environmental Services, Inc.**

*For*  
**Boeing Realty Corporation**



INTEGRATED  
ENVIRONMENTAL SERVICES, INC.

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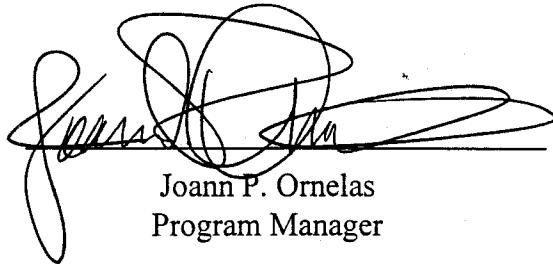
## SIGNATURES

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**PARCEL D SITE INVESTIGATION AND EXCAVATION REPORT**  
**BOEING REALTY CORPORATION C-6 FACILITY**  
**LOS ANGELES, CALIFORNIA**

**SEPTEMBER 1999**

**PREPARED BY:**

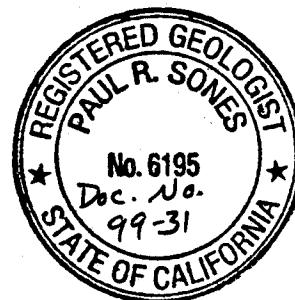


Joann P. Ornelas  
Program Manager

**REVIEWED BY:**



Paul R. Sones  
California Registered Geologist  
RG No. 6195





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## CONTENTS

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<b>1. INTRODUCTION.....</b>	<b>1-1</b>
1.1 Sampling Objectives .....	1-3
1.2 Document Organization .....	1-4
<b>2. SITE DESCRIPTION.....</b>	<b>2-1</b>
2.1 Buildings 59 and 59A.....	2-1
2.2 Storage Yard.....	2-3
<b>3. SITE INVESTIGATION PROGRAM.....</b>	<b>3-1</b>
3.1 Sample Locations .....	3-1
3.1.1 Building 59A .....	3-1
3.1.2 Storage Yard .....	3-2
3.2 Soil Sampling and Analysis.....	3-2
3.2.1 Building 59A .....	3-4
3.2.2 Storage Yard .....	3-5
3.3 Quality Assurance/Quality Control Samples .....	3-5
3.4 Utility Survey .....	3-6
3.5 Land Survey.....	3-7
<b>4. SOIL SAMPLING AND ANALYTICAL METHODS .....</b>	<b>4-1</b>
4.1 Soil Sampling .....	4-1
4.2 Sample Identification and Designation.....	4-1
4.3 Sample Handling.....	4-3
4.4 Sample Analytical Program.....	4-3
<b>5. SITE INVESTIGATION FINDINGS .....</b>	<b>5-1</b>
5.1 Building 59A.....	5-1
5.2 Storage Yard.....	5-3
5.3 Arsenic-Impacted Area .....	5-6
5.3.1 Sample Identification .....	5-6
5.3.2 Delineation Results .....	5-7
5.3.3 Characterization of Arsenic-Impacted Soil .....	5-7
5.4 Quality Assurance/Quality Control Results .....	5-18



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## CONTENTS (CONTINUED)

---

<b>6. EXCAVATION AND CONFIRMATION PROGRAM .....</b>	<b>6-1</b>
6.1 Soil Excavation and Off-Site Disposal .....	6-1
6.1.1 Excavation and Confirmation Sampling.....	6-1
6.1.2 Placement of Excavated Soil.....	6-7
6.1.3 Off-Site Disposal .....	6-7
6.1.4 Land Surveying .....	6-8
6.1.5 Backfilling .....	6-8
6.2 Post-Excavation Confirmation Sampling.....	6-9
6.2.1 Sample Identification .....	6-14
6.2.2 Sample Handling and Custody .....	6-14
6.2.3 Laboratory Analysis.....	6-14
6.2.3 Confirmation Sampling Results .....	6-14
6.3 Health and Safety Monitoring.....	6-17
6.3.1 Personnel Requirements .....	6-17
6.3.2 Health and Safety Monitoring .....	6-17
<b>7. CONCLUSIONS .....</b>	<b>7-1</b>
<b>8. REFERENCES.....</b>	<b>8-1</b>

### APPENDICES

A. Site Geology and Soil Boring Logs.....	A-1
B. Health Based Remediation Goals .....	B-1
C. Laboratory Reports for Site Investigation Sampling .....	C-1
D. Laboratory Reports for Arsenic Delineation Sampling.....	D-1
E. Laboratory Reports for Arsenic Excavation Confirmation Sampling.....	E-1
F. Laboratory Reports for Air Monitoring Samples.....	F-1

### FIGURES

1-1 C-6 Facility and Vicinity .....	1-1
1-2 C-6 Parcel Delineation.....	1-2
2-1 Parcel D .....	2-2
3-1 Parcel D Soil Sample Locations .....	3-3
5-1 Parcel D Arsenic Delineation.....	5-8
5-2 Parcel D Arsenic Delineation Sample Locations.....	5-9



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## CONTENTS (CONTINUED)

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5-3	Parcel D Arsenic Delineation Sample Concentrations.....	5-10
5-4	Arsenic Impacted Soil Placement in the Northwest Corner of Parcel D.....	5-11
6-1	Parcel D Isolated Arsenic Excavation Area.....	6-4
6-2	Parcel D Overall Arsenic Excavation Area.....	6-6
6-3	Parcel D Arsenic Excavation Confirmation Sampling Locations.....	6-10
6-4	Confirmation Sample Locations in the Northwest Corner of Parcel D.....	6-16

### TABLES

3-1	Soil Sampling Summary .....	3-5
5-1	Summary of Detections, C-6 Facility Parcel D .....	3-7
5-2	Organic Chemicals Detected in Soil .....	5-4
5-3	Inorganic Chemicals Detected in Soil .....	5-5
5-4	Delineation Sample Log .....	5-12
5-5	STLC and TCLP Analytical Result for Arsenic Soil Samples .....	5-19
6-1	Types and Quantities of Excavated Soil .....	6-5
6-2	Post-Excavation Confirmation Sampling Results for Arsenic .....	6-11



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## ACRONYMS

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bgs	below ground surface
Cal/EPA	California Environmental Protection Agency
CDM	Camp Dresser McKee, Inc.
CFR	Code of Federal Regulations
COPC	constituent of potential concern
DAC	Douglas Aircraft Company
DQO	data quality objective
DTSC	Department of Toxic Substances Control
EPA	Environmental Protection Agency (U.S.)
HBRG	health-based remediation goal
IESI	Integrated Environmental Services, Inc.
K/J	Kennedy/Jenks Consultants
OSHA	Occupational Safety and Health Administration
PCB	polychlorinated biphenyl
PLANCOR	Defense Plant Corporation
QA/QC	Quality assurance/quality control
RWQCB	Regional Water Quality Control Board
SAP	sampling and analysis plan
STLC	soluble threshold limit concentration
SVOC	semi-volatile organic compound
TCLP	toxicity characteristic leaching procedure
TPH	total petroleum hydrocarbon
TTLC	total threshold limit concentration
USA	underground services alert
VOC	volatile organic compound
WET	waste extraction test